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of 1

Application Number 10/657,312 Filing Date September 8, 2003 First Named Inventor John A. Manteiga Art Unit 3747 **Examiner Name** 125896 **Attorney Docket Number**

			U. S. PATEN	T DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (1 kmm)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
11.0	 	US- 4,686,823	08/18/1987	Coburn, et al.		
1.J.C		^{US-} 5,297,385	03/29/1994	Dubell, et al.		
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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
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	FA	GB2238864A	12/28/1989	Stevens, et al.		
	FB-	EP0348097B1	12/27/1989	Stevens, et al.	-	
	FC	GB713422	08/11/1954	Rolls Royce		
	FD	GB1260557		General-Elect.	-	

Examiner Signature	La Cinnegola	Date Considered	4/25/	105

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	-	,		U.S. PATENT DOCUMEN	TS	
Examiner Initials*	Cite	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages
	No."	Number	Kind Code ² (if known)	Of Ciled Document	MM-DD-YYYY	or Refevant Figures Appear
ZAC	AA	6,045,325		Horvath, et al.	04/04/2000	
	[AD	5,911,679		Farrell, et al.	06/15/1999	
	AC	5,820,024		Ausdenmoore, et al.	10/13/1998	
	AD	5,281,085		Lenahan, et al.	01/25/1994	
	AE	5,273,396		Albrecht, et al.	12/28/1993	
	AF	5,228,828		Damlis, et al.	06/20/1993	
4/	AG	5,222,360		Antuna, et al.	06/29/1993	
	AH	4,950,129		Patel, et al.	08/21/1990	
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